

Db 3361 CCAGCTGATTTTACTACAATCAGTAACGATAACGAGTATATGGATTACCGCTGAAGCAGA 3420

Qy 3421 AAGTGGTGTGCATAATTCCTGAACATTTACAATCATACATTTTATGGCGCCAAA 3480  
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Db 3421 AAGTGGTGTGCATAATTCCTGAACATTTACAATCATACATTTTATGGCGCCAAA 3480

Qy 3481 TAGTCATACTGTAAGAGGAGGGCTTTGCTGGATCTGCTGTAAGGCTTCTTGTAAGTTGTG 3540  
|||||

Db 3481 TAGTCATACTGTAAGAGGAGGGCTTTGCTGGATCTGCTGTAAGGCTTCTTGTAAGTTGTG 3540

Qy 3541 GATGCCCCATTTTCTGGATGGGAACCTGCCAGACAGTGAACAAGGGCTTTGCAAGGTGCA 3600  
|||||

Db 3541 GATGCCCCATTTTCTGGATGGGAACCTGCCAGACAGTGAACAAGGGCTTTGCAAGGTGCA 3600

Qy 3601 GCATCCGGTTTTTGTGTTTGCCAGTCCAGGAAACGTCCTCCTGTTACTTTGTAGTTGTACT 3660  
|||||

Db 3601 GCATCCGGTTTTTGTGTTTGCCAGTCCAGGAAACGTCCTCCTGTTACTTTGTAGTTGTACT 3660

Qy 3661 CATACTAGTGCCTTGTGTTGTACAAGGAGAAATGTGTAACCTTGTTGAAAAAATGTCTC 3720  
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Db 3661 CATACTAGTGCCTTGTGTTGTACAAGGAGAAATGTGTAACCTTGTTGAAAAAATGTCTC 3720

Qy 3721 CCCCATTTTGTAAATTAACATAAGGAGGTTTATAGTGTGAGCTGTGTGACTGACGG 3780  
|||||

Db 3721 CCCCATTTTGTAAATTAACATAAGGAGGTTTATAGTGTGAGCTGTGTGACTGACGG 3780

Qy 3781 CGAGAAATGGTTTTGTGCGGTGTTAAGGTTGAAACGACTAGCTCTCGTTATCAATGTGTTG 3840  
|||||

Db 3781 CGAGAAATGGTTTTGTGCGGTGTTAAGGTTGAAACGACTAGCTCTCGTTATCAATGTGTTG 3840

Qy 3841 TAAACTTCTAGATTGATGTGTTACCTTACTCTTGAAGTCAACACCGGAGAATTTAC 3896  
|||||

Db 3841 TAAACTTCTAGATTGATGTGTTACCTTACTCTTGAAGTCAACACCGGAGAATTTAC 3896

## RESULT 2

US-10-447-135-1

; Sequence 1, Application US/10447135

; Publication No. US20030199684A1

; GENERAL INFORMATION:

; APPLICANT: Hirochika, Hirohiko

; APPLICANT: Yamazaki, Muneo

; APPLICANT: Miyao, Akio

; TITLE OF INVENTION: A novel gene involved in brassinosteroid responses

; FILE REFERENCE: MAFF-1 DIV

; CURRENT APPLICATION NUMBER: US/10/447,135

; CURRENT FILING DATE: 2003-05-27

; PRIOR APPLICATION NUMBER: US 09/721,114

; PRIOR FILING DATE: 2000-11-22

; PRIOR APPLICATION NUMBER: JAPAN 2000-149106

; PRIOR FILING DATE: 2000-05-19

; NUMBER OF SEQ ID NOS: 3

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 1

; LENGTH: 4310

; TYPE: DNA

; ORGANISM: Oryza sativa

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (655)..(3828)

US-10-447-135-1

Query Match 99.7%; Score 3882.4; DB 6; Length 4310;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 3894; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

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Qy      1 CGCGGCTGTCGGAGCAAACGCAAACCCCCCAGGTTGTTCTAGCGTGTGCAGCGGCTAGCT 60
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Db    415 CGCGGCTGTCGGAGCAAACGCAAACCCCCCAGGTTGTTCTAGCGTGTGCAGCGGCTAGCT 474

Qy      61 GATTGATTGTCTTCTGTGATATATCCAGAGCTCGTGTTTTGTGGTTTGTGGTTTGTGGTT 120
      |||
Db    475 GATTGATTGTCTTCTGTGATATATCCAGAGCTCGTGTTTTGTGGTTTGTGGTTTGTGGTT 534

Qy     121 TGTGCTTGGATTGTTGATGTGCTAATTCGCGGCGTTACAAGATCACTGCTGGATTGATAT 180
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Db    535 TGTGCTTGGATTGTTGATGTGCTAATTCGCGGCGTTACAAGATCACTGCTGGATTGATAT 594

Qy     181 TGAGTTGTGCCTCGGCTGTGCTGGCTGTGTGTTGATTCTCTCCTCGTCGTGGTGATCGAT 240
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Db    595 TGAGTTGTGCCTCGGCTGTGCTAGCTGTGTGTTGATTCTCTCCTCGTCGTGGTGATCGAT 654

Qy     241 ATGGAGATTGTTGCAGTAGATCAGGAGGGAGCTCGTGTTGTTGGGACGAACTGTATGCTT 300
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Db    655 ATGGAGATTGTTGCAGTAGATCAGGAGGGAGCTCGTGTTGTTGGGACGAACTGTATGCTT 714

Qy     301 GCTCGTGGTGGAAGCTGGTGCTGTAGCGCCAGTGTTGGAGCTGACAGCGACGCTCGTCAG 360
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Db    715 GCTCGTGGTGGAAGCTGGTGCTGTAGCGCCAGTGTTGGAGCTGACAGCGACGCTCGTCAG 774

Qy     361 GATGCAGCCGCTGAAGCTGGTGCTAGACGAACCGGCACAACACCAATGCGAGCATTTCTCC 420
      |||
Db    775 GATGCAGCCGCTGAAGCTGGTGCTAGACGAACCGGCACAACACCAATGCGAGCATTTCTCC 834

Qy     421 ATAAGAGGGTATGTTGCTCTTCTTCAGAAGAAGGATCCAAAATTCTGCTCTCTATCTCGG 480
      |||
Db    835 ATAAGAGGGTATGTTGCTCTTCTTCAGAAGAAGGATCCAAAATTCTGCTCTCTATCTCGG 894

Qy     481 ATTTTCCATGACCAGAAAAAATGTGATGAACACAAAGCTAGTTCAAGCCCATTTTCTGTA 540
      |||
Db    895 ATTTTCCATGACCAGAAAAAATGTGATGAACACAAAGCTAGTTCAAGCCCATTTTCTGTA 954

Qy     541 GCAAAGTTTCGACGATGGGATTGCTCGAAGTGCTTGGATAAGTTGAAAACCTCAGATAAT 600
      |||
Db    955 GCAAAGTTTCGACGATGGGATTGCTCGAAGTGCTTGGATAAGTTGAAAACCTCAGATAAT 1014

Qy     601 GGAACAGCACCAAGAAGCTCTTCCCGCAAAGCAGAATGGCACAAGTGATGGTTGCTCCATC 660
      |||
Db   1015 GGAACAGCACCAAGAAGCTCTTCCCGCAAAGCAGAATGGCACAAGTGATGGTTGCTCCATC 1074

Qy     661 ACATTTGTTTCGGAGCACTTTTGTGCCTGCTAGTGTTGGTTCCCAAAAAGTGCTCCTAGC 720
      |||
Db   1075 ACATTTGTTTCGGAGCACTTTTGTGCCTGCTAGTGTTGGTTCCCAAAAAGTGCTCCTAGC 1134

Qy     721 ACACAATCATCTCAAGGGAAGAATGCTGATAGATCAACTCTTCAAAGAGTGTCGAAGAA 780
      |||
Db   1135 ACACAATCATCTCAAGGGAAGAATGCTGATAGATCAACTCTTCAAAGAGTGTCGAAGAA 1194

Qy     781 GGCAATGACTCCAAATGCAATGCGCCTTCTGGCAAGAATGGAGCTGCTGAGGCCAATACT 840
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Db   1195 GGCAATGACTCCAAATGCAATGCGCCTTCTGGCAAGAATGGAGCTGCTGAGGCCAATACT 1254
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Qy	841	GATTCACCAATGAAAGATTTGCAAGGGCCAGCCCAAAATTATGATGTGGCAGCAAATGTC	900
Db	1255	GATTCACCAATGAAAGATTTGCAAGGGCCAGCCCAAAATTATGATGTGGCAGCAAATGTC	1314
Qy	901	TCTGAGGACAACACTTCTGTTGATGTTGGGGCTTTACCTGAAGTCCCCAGATTACATGG	960
Db	1315	TCTGAGGACAACACTTCTGTTGATGTTGGGGCTTTACCTGAAGTCCCCAGATTACATGG	1374
Qy	961	CACATAGAAGTAAATGGTGCAGATCAACCTCCATCCACTCCAAAACCTTCTGAAGTGGTC	1020
Db	1375	CACATAGAAGTAAATGGTGCAGATCAACCTCCATCCACTCCAAAACCTTCTGAAGTGGTC	1434
Qy	1021	CTCAAAAGAAATGAAGATGAAAATGGAAAACTGAAGAGACTCTTGTGCTGAGCAGTGC	1080
Db	1435	CTCAAAAGAAATGAAGATGAAAATGGAAAACTGAAGAGACTCTTGTGCTGAGCAGTGC	1494
Qy	1081	AATTTGACCAAAGATCCTAACCCAATGTCTGGAAAGGAACGTGATCAGGTTGCTGAGCAG	1140
Db	1495	AATTTGACCAAAGATCCTAACCCAATGTCTGGAAAGGAACGTGATCAGGTTGCTGAGCAG	1554
Qy	1141	TGCAATTTGACCAAAGATCCGAAACCAGTGTCTGGGCAGAAATGTGAGCAGATCTGCAAT	1200
Db	1555	TGCAATTTGACCAAAGATCCGAAACCAGTGTCTGGGCAGAAATGTGAGCAGATCTGCAAT	1614
Qy	1201	GAGCCATGTGAAGAAGTTGTTCTCAAAAGAAGCTCCAAATCTAAGAGGAAGACGGATAAG	1260
Db	1615	GAGCCATGTGAAGAAGTTGTTCTCAAAAGAAGCTCCAAATCTAAGAGGAAGACGGATAAG	1674
Qy	1261	AAGTTGATGAAGAAGCAGCAGCACAGCAAGAAACGCACTGCCCAGGCTGATGTTTCAGAT	1320
Db	1675	AAGTTGATGAAGAAGCAGCAGCACAGCAAGAAACGCACTGCCCAGGCTGATGTTTCAGAT	1734
Qy	1321	GCAAAGCTTTGTGCGAGAAAGCCAAAAAAGGTGCGGCTTCTATCAGAAATTATAAATGCT	1380
Db	1735	GCAAAGCTTTGTGCGAGAAAGCCAAAAAAGGTGCGGCTTCTATCAGAAATTATAAATGCT	1794
Qy	1381	AACCAGGTTGAGGATTCTAGAAGTGACGAAGTTCATCGTGAAAATGCCGCTGATCCCTGT	1440
Db	1795	AACCAGGTTGAGGATTCTAGAAGTGACGAAGTTCATCGTGAAAATGCCGCTGATCCCTGT	1854
Qy	1441	GAGGATGATAGAAGTACCATCCCGGTCCCGATGGAAGTAAGCATGGATATTCCTGTTAGC	1500
Db	1855	GAGGATGATAGAAGTACCATCCCGGTCCCGATGGAAGTAAGCATGGATATTCCTGTTAGC	1914
Qy	1501	AACCATACAGTGGGAGAAGATGGGTAAAAATCAAGTAAGAACAAGACAAAACGCAAATAC	1560
Db	1915	AACCATACAGTGGGAGAAGATGGGTAAAAATCAAGTAAGAACAAGACAAAACGCAAATAC	1974
Qy	1561	TCTGATGTTGTAGATGATGGATCATCACTTATGAACCTGGCTGAATGGAAAAAGAAAAGA	1620
Db	1975	TCTGATGTTGTAGATGATGGATCATCACTTATGAACCTGGCTGAATGGAAAAAGAAAAGA	2034
Qy	1621	ACTGGAAGTGTGCATCACACAGTTGCTCATCCAGCTGGGAATTTGAGCAACAAAAAAGTG	1680
Db	2035	ACTGGAAGTGTGCATCACACAGTTGCTCATCCAGCTGGGAATTTGAGCAACAAAAAAGTG	2094
Qy	1681	ACACCCACTGCGAGTACTCAGCATGATGATGAGAATGATACTGAAAATGGTCTTGACACA	1740
Db	2095	ACACCCACTGCGAGTACTCAGCATGATGATGAGAATGATACTGAAAATGGTCTTGACACA	2154
Qy	1741	AATATGCATAAGACAGATGTCTGTGAGCATGTATCAGAAATCTCCACACAGAGGTGCTCA	1800

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Db      2155 AATATGCATAAGACAGATGTCTGTGTCAGCATGTATCAGAAATCTCCACACAGAGGTGCTCA 2214
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Qy      1801 TCAAAGGGGAAAACAGCGGGTTTGAGTAAGGGGAAAACACATTTCAGCTGCTAGTACCAAA 1860
      |||
Db      2215 TCAAAGGGGAAAACAGCGGGTTTGAGTAAGGGGAAAACACATTTCAGCTGCTAGTACCAAA 2274
      |||
Qy      1861 TATGGTGGTGAAAGCACCAGAAATGGTCAGAACATACATGTACTCAGCGCAGAAGATCAA 1920
      |||
Db      2275 TATGGTGGTGAAAGCACCAGAAATGGTCAGAACATACATGTACTCAGCGCAGAAGATCAA 2334
      |||
Qy      1921 TGCCAGATGGAAACCGAAAACCTCTGTTCTGAGTCACTCGGCAAAGGTTTCTCCAGCTGAG 1980
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Db      2335 TGCCAGATGGAAACCGAAAACCTCTGTTCTGAGTCACTCGGCAAAGGTTTCTCCAGCTGAG 2394
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Qy      1981 CATGATATCCAAATTATGTCTGACCTTCATGAGCAGAGTCTACCCAAGAAGAAAAAGAAG 2040
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Db      2395 CATGATATCCAAATTATGTCTGACCTTCATGAGCAGAGTCTACCCAAGAAGAAAAAGAAG 2454
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Qy      2041 CAAAAACTTGAAGTGACTCGTGAAAAACAGACCATGATAGATGACATCCCCATGGATATT 2100
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Db      2455 CAAAAACTTGAAGTGACTCGTGAAAAACAGACCATGATAGATGACATCCCCATGGATATT 2514
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Qy      2101 GTTGAAGTCTAGCTAAAAACCAGCATGAGAGGCAGCTTATGACTGAGACTGATTGTTCT 2160
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Db      2515 GTTGAAGTCTAGCTAAAAACCAGCATGAGAGGCAGCTTATGACTGAGACTGATTGTTCT 2574
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Qy      2161 GACATCAACCGTATTCAATCCAAGACAACCTGCTGATGATGATTGTGTAATAGTAGCTGCC 2220
      |||
Db      2575 GACATCAACCGTATTCAATCCAAGACAACCTGCTGATGATGATTGTGTAATAGTAGCTGCC 2634
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Qy      2221 AAGGATGGTTCAGATTATGCATCAAGTGTTTGACACTAATTCCCAACAGAAGTCCTTG 2280
      |||
Db      2635 AAGGATGGTTCAGATTATGCATCAAGTGTTTGACACTAATTCCCAACAGAAGTCCTTG 2694
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Qy      2281 GCATCCCAAAGTACACAGAAGGAGTTACAGGGTCATTTGGCATTGACCACACAAGAGTCT 2340
      |||
Db      2695 GCATCCCAAAGTACACAGAAGGAGTTACAGGGTCATTTGGCATTGACCACACAAGAGTCT 2754
      |||
Qy      2341 CCACATCCTCAGAACTTTCAGTCTACTCAGGAACAGCAGACACATTTGCGGATGGAAGAA 2400
      |||
Db      2755 CCACATCCTCAGAACTTTCAGTCTACTCAGGAACAGCAGACACATTTGCGGATGGAAGAA 2814
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Qy      2401 ATGGTCACTATTGCTGCAAGCTCACCCTATTTTCACATCATGATGATCAGTATATTGCT 2460
      |||
Db      2815 ATGGTCACTATTGCTGCAAGCTCACCCTATTTTCACATCATGATGATCAGTATATTGCT 2874
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Qy      2461 GAAGCACCAACTGAACATTGGGGCCGTAAGGACGCAAAGAAGCTAACGTGGGAGCAATTT 2520
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Db      2875 GAAGCACCAACTGAACATTGGGGCCGTAAGGACGCAAAGAAGCTAACGTGGGAGCAATTT 2934
      |||
Qy      2521 AAGGCCACTACAAGAAATTCTCCAGCAGCAACATGTGGTGCTCAATTTAGACCTGGTATC 2580
      |||
Db      2935 AAGGCCACTACAAGAAATTCTCCAGCAGCAACATGTGGTGCTCAATTTAGACCTGGTATC 2994
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Qy      2581 CAAGCAGTTGACTTGACTTCTACTCATGTGTCATGGGATCTTCCAGCAATTATGCATCTCGC 2640
      |||
Db      2995 CAAGCAGTTGACTTGACTTCTACTCATGTGTCATGGGATCTTCCAGCAATTATGCATCTCGC 3054
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Qy      2641 CAACCAGTAATTGCGCCACTGGACCGCTATGCTGAAAGAGCGGTTAACCAGGTCCATGCA 2700
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Db	3055	CAACCAGTAATTGCGCCACTGGACCGCTATGCTGAAAGAGCGGTTAACCAGGTCCATGCA	3114
Qy	2701	AGAAATTTTCCAAGCACAATAGCAACCATGGAAGCGAGTAAGTTATGTGATCGGAGAAAT	2760
Db	3115	AGAAATTTTCCAAGCACAATAGCAACCATGGAAGCGAGTAAGTTATGTGATCGGAGAAAT	3174
Qy	2761	GCTGGACAAGTAGTCTTGTATCCTAAAGAATCCATGCCTGCGACGCATCTTCTGAGAATG	2820
Db	3175	GCTGGACAAGTAGTCTTGTATCCTAAAGAATCCATGCCTGCGACGCATCTTCTGAGAATG	3234
Qy	2821	ATGGATCCATCAACATTAGCAAGCTTCCCCAACTATGGAACCTCTAGCAGGAACCAGATG	2880
Db	3235	ATGGATCCATCAACATTAGCAAGCTTCCCCAACTATGGAACCTCTAGCAGGAACCAGATG	3294
Qy	2881	GAGTCTCAACTTCATAATTCTCAGTATGCACATAATCAGTACAAAGGATCAACCAGCACA	2940
Db	3295	GAGTCTCAACTTCATAATTCTCAGTATGCACATAATCAGTACAAAGGATCAACCAGCACA	3354
Qy	2941	TCATATGGCAGTAACCTGAATGGAAGATTCCATTGACATTGGAAGACTTATCACGGCAT	3000
Db	3355	TCATATGGCAGTAACCTGAATGGAAGATTCCATTGACATTGGAAGACTTATCACGGCAT	3414
Qy	3001	CAGCTGCATGATCTGCACAGACCTTTACGCCCACATCCTAGAGTTGGTGTGCTTGGCTCC	3060
Db	3415	CAGCTGCATGATCTGCACAGACCTTTACGCCCACATCCTAGAGTTGGTGTGCTTGGCTCC	3474
Qy	3061	TTGCTGCAGAAGGAAATTGCAAACTGGTCGGAGAACTGTGGCACACAATCTGGTTATAAG	3120
Db	3475	TTGCTGCAGAAGGAAATTGCAAACTGGTCGGAGAACTGTGGCACACAATCTGGTTATAAG	3534
Qy	3121	TTAGGAGTGTCAACAGGAATAACATCGCATCAGATGAACAGAAAGGAACATTTTGAAGCC	3180
Db	3535	TTAGGAGTGTCAACAGGAATAACATCGCATCAGATGAACAGAAAGGAACATTTTGAAGCC	3594
Qy	3181	CTGAATTCTGGAATGTTTTTCAGCAAAATGGAATGCATTGCAGTTGGGTTCTGTTAGCTCC	3240
Db	3595	CTGAATTCTGGAATGTTTTTCAGCAAAATGGAATGCATTGCAGTTGGGTTCTGTTAGCTCC	3654
Qy	3241	AGTGCAGATTTTTTATCAGCGAGGAACAGCATAGCTCAATCTTGGACCAGAGGCAAGGGT	3300
Db	3655	AGTGCAGATTTTTTATCAGCGAGGAACAGCATAGCTCAATCTTGGACCAGAGGCAAGGGT	3714
Qy	3301	AAAATGGTTCATCCCTTGGATCGGTTTGTGAGACAGGATATCTGTATAACTAACAAGAAC	3360
Db	3715	AAAATGGTTCATCCCTTGGATCGGTTTGTGAGACAGGATATCTGTATAACTAACAAGAAC	3774
Qy	3361	CCAGCTGATTTTACTACAATCAGTAACGATAACGAGTATATGGATTACCGCTGAAGCAGA	3420
Db	3775	CCAGCTGATTTTACTACAATCAGTAACGATAACGAGTATATGGATTACCGCTGAAGCAGA	3834
Qy	3421	AAGTGGTGTGCATAATTCCTGAACATTTACAATCATACATTTTCATCTTTATGGCGCCAAA	3480
Db	3835	AAGTGGTGTGCATAATTCCTGAACATTTACAATCATACATTTTCATCTTTATGGCGCCAAA	3894
Qy	3481	TAGTCATACTGTAAGAGGAGGGCTTTGCTGGATCTGCTGTAAGGCTTCTTGTAAGTTGTG	3540
Db	3895	TAGTCATACTGTAAGAGGAGGGCTTTGCTGGATCTGCTGTAAGGCTTCTTGTAAGTTGTG	3954
Qy	3541	GATGCCCCATTTTCTGGATGGGAACCTGCCAGACAGTGAACAAGGGCTTTGCAAGGTGCA	3600
Db	3955	GATGCCCCATTTTCTGGATGGGAACCTGCCAGACAGTGAACAAGGGCTTTGCAAGGTGCA	4014

Qy 3601 GCATCCGGTTTTTGTGTTGCCAGTCCAAGAAACGTCCTCCTGTTACTTTGTAGTTGTACT 3660  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Db 4015 GCATCCGGTTTTTGTGTTGCCAGTCCAAGAAACGTCCTCCTGTTACTTTGTAGTTGTACT 4074  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Qy 3661 CATACTAGTGCCTTGTGTTGTACAAGGAGAAATGTGTAACCTTGTTGAAAAAATGTCTC 3720  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Db 4075 CATACTAGTGCCTTGTGTTGTACAAGGAGAAATGTGTAACCTTGTTG-AAAAAATGTCTC 4133  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Qy 3721 CCCCATTTTGTAAATTACCATAAGGAGGTTTATAGTGTTGTGAGCTGTGTGTGACTGACGG 3780  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Db 4134 CCCCATTTTGTAAATTACCATAAGGAGGTTTATAGTGTTGTGAGCTGTGTGTGACTGACGG 4193  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Qy 3781 CGAGAAATGGTTTTGTCTGGTGTTAAGGTTGAAACGACTAGCTCTCGTTATCAATGTGTTG 3840  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Db 4194 CGAGAAATGGTTTTGTCTGGTGTTAAGGTTGAAACGACTAGCTCTCGTTATCAATGTGTTG 4253  
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Qy 3841 TAAACTTCTAGATTGATGTGTTACCTTACTCTTGAAGTCAACACCGGAGAATTTAC 3896  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Db 4254 TAAACTTCTAGATTGATGTGTTACCTTACTCTTGAAGTCAACACCGGAGAATTTAC 4309  
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## RESULT 3

US-10-437-963-40889

; Sequence 40889, Application US/10437963

; Publication No. US20040123343A1

## ; GENERAL INFORMATION:

; APPLICANT: La Rosa, Thomas J.

; APPLICANT: Kovalic, David K.

; APPLICANT: Zhou, Yihua

; APPLICANT: Cao, Yongwei

; APPLICANT: Wu, Wei

; APPLICANT: Boukharov, Andrey A.

; APPLICANT: Barbazuk, Brad

; APPLICANT: Li, Ping

; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

; FILE REFERENCE: 38-21(53221)B

; CURRENT APPLICATION NUMBER: US/10/437,963

; CURRENT FILING DATE: 2003-05-14

; NUMBER OF SEQ ID NOS: 204966

; SEQ ID NO 40889

; LENGTH: 4640

; TYPE: DNA

; ORGANISM: Oryza sativa

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT\_MRT4530\_44288C.1

US-10-437-963-40889

Query Match 94.8%; Score 3693.4; DB 7; Length 4640;

Best Local Similarity 99.9%; Pred. No. 0;

Matches 3694; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 TGGCTGTGTGTTGATTCTCTCCTCGTCGTGGTGATCGATATGGAGATTGTTGCAGTAGAT 261  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Db 946 TGCCTGTGTGTTGATTCTCTCCTCGTCGTGGTGATCGATATGGAGATTGTTGCAGTAGAT 1005  
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Qy 262 CAGGAGGGAGCTCGTGTTGTTGGGACGAAGTGTATGCTTGCTCGTGGTGGAAGTGGTGCT 321  
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Db 1006 CAGGAGGGAGCTCGTGTTGTTGGGACGAAGTGTATGCTTGCTCGTGGTGGAAGTGGTGCT 1065  
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# WEST Search History

DATE: Monday, April 10, 2006

Hide?	Set Name	Query	Hit Count
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*DB=PGPB,USPT; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L3	sung-zinmay-renee.in.	1
<input type="checkbox"/>	L2	chen-lingjing.in.	2
<input type="checkbox"/>	L1	moon-yong-hwan.in.	1

END OF SEARCH HISTORY

